Rx BREAST Ca

- Rx
  - Surgery
    - *mastectomy*
      - Total
        - entire breast
        - areola, nipple
        - skin over breast
        - axillary tail
      - Total + axillary clearance
        - axillary
          - fat
          - fascia
          - lymphatics
      - Modified radical
        - Patey's
        - Scanlon's
        - Auchincloss
      - Halsted radical
        - pectoralis major+minor
        - tumor
          - entire breast
          - areola, nipple
          - skin over breast
          - axillary tail
        - serratous anterior
      - Conservative
        - wide excision
        - lumpectomy
        - Quadrentectomy
      - toilet **Mastectomy**
      - extended radical Mastectomy
  - Rx
    - Chemotherapy
      - **Indications**
        - advanced ca
        - in po period after simple mastectomy stage III
        - Stage IV ca
        - Pre menopausal age group
      - CAF
      - MMM
      - CMF
  - Rx
    - Radiotherapy
      - **Indications**
        - after conservative breast surgery
        - **total Mastectomy**
        - higher risk of relapse
          - invasive ca
          - in situ ca
          - < 35 yrs
          - multifocal disease
        - bone 2ndries
        - inf ca
        - atrophic schirrous ca
        - pre operative
        - > 8 lymph node inv
  - Rx
    - surgery
    - radiotherapy
    - hormone therapy
    - chemotherapy
  - Rx
    - **Hormone therapy**
      - tamoxifen
      - B/L oopherectomy
      - LHRH agonist
      - adrenalectomy
      - PG receptor antagonist
      - androgens
      - aminoglutethimide
      - medroxy PG
    - **Tamoxifen**
      - anti oestrogen
      - Adverse effect
        - tamoxifen flare
        - bone pain
        - endometrial ca
      - Advtg
        - recurrence rate
        - prognosis
        - all age, ER +ve & -ve
        - cheap, less toxic
      - Uses
        - ca breast
        - benign dis fibroadenosis
        - infertility in males
      - Desmoid tumor